

Attorney Docket No. 06540/LH

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): S. SAITO et al  
Serial No. : 10/588,871  
Filed : August 10, 2006  
For : RADAR OSCILLATOR  
Customer No.: 01933  
Art Unit :  
Examiner :  
Confirm. No.: 4627

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Submitted herewith is:

- (1) Copy of the International Search Report dated February 28, 2006, which was issued in a counterpart International application.
- (2) Copies of cited publications (except U.S. patents and publications);
- (3) Forms PTO/SB/08A and PTO/SB/08B; and
- (4) Copy of Notification Concerning Availability of the Publication of the International Application.

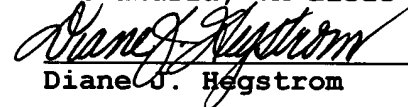
The International Search Report is in English, thereby satisfying the requirements for a concise explanation of relevance for any non-English language publications cited therein (MPEP 609.04(a) III).

English language family members of the Japanese documents cited in the International Search Report are also cited herein.

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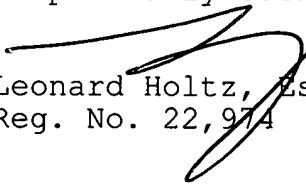
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Diane J. Hegstrom

It is requested that initialed copies of the Forms PTO/SB/08A and PTO/SB/08B be returned to indicate that the publications listed therein have been considered and made of record.

Respectfully submitted,

  
Leonard Holtz, Esq.  
Reg. No. 22,974

Encls.

Dated: September 20, 2006

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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>Substitute for Form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/588,871
				Filing Date	August 10, 2006
				First Named Inventor	S. SAITO et al
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	06540/LH

### U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		4,272,736	B1	GERCEKCI et al	06-09-1981	
		4,727,339		DOTY, II et al	02-23-1988	
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		6,175,283		FEHRENBACH et al	01-16-2001	

### FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
		JP	56-2709	B1	McEWAN, Thomas E.	01-13-1981		
		JP	61-137404			06-25-1986		
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		JP	2002-507728			03-12-2002		
		EP	0 901 642			07-02-2003		

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

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			Group Art Unit			
			Examiner Name			
Sheet	2	of	2	Attorney Docket Number		06540/LH
<b>OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published				T <sup>2</sup>
		Ian GRESHAM et al, "Ultra-Wideband Radar Sensors for Short-Range Vehicular Applications", IEEE Transactions on Microwave Theory and Techniques, Vol. 52, No. 9, pages 2105-2122, September 2004  Mina DANESH et al, "Differential VCO and Frequency Tripler Using SiGe HBTs for the 24 GHz ISM Band", Harris Corporation, Microwave Communications Division, Montreal, QC, H9B 3G4, Canada. University of Ulm, Dept. Of Electron Devices and Circuits, 89069 Ulm, Germany. 2003 IEEE Radio Frequency Integrated Circuits Symposium, pages 277-280.  Ian GRESHAM et al, "A Fast Switching, High Isolation Absorptive SPST SiGe Switch for 24 Ghz Automotive Applications", M/A-COM, Inc., Corporate Research & Development, Pawtucket Boulevard, Lowell, MA 01853 USA, 33 <sup>rd</sup> European Microwave Conference - Munich 2003, pages 903-906.				
Examiner Signature				Date Considered		

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